

STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION

Business Meeting Minutes

of

September 8, 2004

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The meeting was called to order by Chairman Keese at 10:08 a.m.

The Pledge of Allegiance was led by all.

William J. Keese	Present
Arthur Rosenfeld	Present
James D. Boyd	Present
John L. Geesman	Present
Jackalyne Pfannenstiel	Present

1. CONSENT CALENDAR. (Items on the Consent Calendar will be taken up and voted on as a group. A Commissioner may request that an item be discussed and moved to later on the agenda).
 - a. COMMISSION BUSINESS MEETING SCHEDULE. Possible approval of the 2005 Energy Commission Business Meetings Schedule.
 - b. CALPINE CORPORATION. Possible approval of a request from Calpine Corporation to transfer ownership of the Metcalf Energy Center Project (99-AFC-3C) to Metcalf Energy Center, LLC, a wholly-owned subsidiary of Calpine Corporation.
 - c. WALNUT ENERGY CENTER. Possible approval for a Petition for Ownership Change from Turlock Irrigation District to Walnut Energy Center Authority. Turlock Irrigation District has formed with Merced Irrigation District a new public agency under the Joint Powers Act (government code Section 6500 et. Seq.), known as the Walnut Energy Center Authority. There will be no changes in operational control of or the name of the project. (Docket No. 02-AFC-4C)
 - d. PORTLAND ENERGY CONSERVATION, INC. Possible approval of Contract 400-04-002 for \$19,995 to develop a training strategy for building commissioning providers, conduct two trainings for federal staff, enter data from two federal buildings into an existing database and provide marketing case studies for the two buildings. (USDOE funded)

Commissioner Geesman moved and Commissioner Pfannenstiel seconded approval of the Consent Calendar. The vote was unanimous. (5-0)

2. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Work Authorization #MR-033, with the University of California, not to exceed \$254,000, under PIER Research Agreement 500-02-004, for the Lawrence Berkeley National Laboratory to develop and validate a low cost, energy efficient process for reducing arsenic from drinking water in California.

Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Work Authorization #MR-033. The vote was unanimous. (5-0)

3. DELTA ENERGY CENTER. Possible approval of the petition by Calpine Corporation, to modify the maximum hourly NOx, POC and CO emission limits associated with cold turbine start-ups and gas turbine tuning periods for the Delta Energy Center. (Docket No. 98-AFC-C3).

Commissioner Geesman moved and Commissioner Boyd seconded approval of the petition by Calpine Corporation. The vote was unanimous. (5-0)

4. LOS MEDANOS ENERGY CENTER. Possible approval of the petition to modify the maximum hourly NOx, emission limits associated with cold turbine start-ups and gas turbine tuning periods.(Docket No. 98-AFC-1)

Commissioner Geesman moved and Commissioner Boyd seconded approval of the petition concerning the Los Medanos Energy Center. The vote was unanimous. (5-0)

5. MOUNTAINVIEW POWER PROJECT. Petition from Mountainview Power Company to change the Emergency Fire Pump model, allow flexibility in Commissioning and Tuning emissions and reflect South Coast Air Quality Management District changes in the air quality conditions. (Docket No. 00-AFC-2C).

Commissioner Geesman moved and Commissioner Boyd seconded approval of the petition from Mountainview Power Company. The vote was unanimous. (5-0)

6. TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY (CSU). Possible approval of ten grant applications totaling \$747,560 to the Energy Innovations Small Grant Program in response to Solicitation Cycle 03-03. (PIER funded)
 - a. 03-03-46, United Innovations, Inc., A Dielectric Light Injector for ultra efficient PV Cavity converter; A novel approach for advanced solar concentrator and directed laser power beam application, \$75,000
 - b. 03-03-40, H-Q Porducts, Inc., The Mamikon spinner, \$75,000
 - c. 03-03-01, University of California, Berkeley, Efficient lighting by sensing and actuating with MEMs “Smart Dust Motes, \$74,009
 - d. 03-03-23, Konarka Technologies, Inc., Printed photovoltaic images for roofing, \$74,482
 - e. 03-03-48, University of California, Davis, High-performance, nanostructured cathode for Li-Ion rechargeable battery, \$75,000
 - f. 03-03-49, University of California, Los Angeles, Bisolar conversion of carbon dioxide and water into hydrogen via bacteria embedded in colloidal gas aphrons, \$74,948
 - g. 03-03-38, University of Kansas, Phase-change frame walls (PCFW’s) for Peak Demand Reduction, load shifting and energy conservation in California, \$74,596
 - h. 03-03-36, Lieberman Research Associates, test and evaluation of heat transfer parameters for CAES Tank System, \$75,000
 - i. 03-03-13, Sonipulse, Inc., pulsed ultrasound water treatment, \$74,610
 - j. 03-03-31, University of California, Berkeley, development of a wireless lighting control network, \$74,915

Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of the ten grant applications (a-j). The vote was unanimous. (5-0)

7. DEPARTMENT OF FINANCE, OFFICE OF STATE AUDITS AND EVALUATION. Possible approval of Contract 200-04-004 for \$360,000, for three years, to perform independent audits of the Renewable Resource Trust Fund pursuant to Senate Bill 90, Chapter 905, Statutes of 1997. The audit report will be provided to the Legislature not later than March 1st of each year for which the article is operative. (Renewables funded)

Commissioner Geesman moved and Commissioner Rosenfeld seconded approval of Contract 200-04-004. The vote was unanimous. (5-0)

8. Minutes

Commissioner Boyd moved and Commissioner Pfannenstiel seconded approval of the August 25, 2004 business meeting minutes. The vote was unanimous. (5-0)

9. Commission Committee and Oversight

Commissioner Boyd noted that the Energy Commission should be teaming with ARB regarding Greenhouse Gas bills and requested that the Energy Commission support the ARB staff's recommendations and allow Commissioner Boyd to testify accordingly.

Commissioner Boyd moved and Commissioner Geesman seconded approval to support ARB staff's recommendations. The vote was unanimous. (5-0)

10. Chief Counsel's Report

Chief Counsel Bill Chamberlain informed the Commission that Mr. Bob Sarvey had filed with the Commission a complaint regarding the Tesla Power Project application for certification proceeding.

11. Executive Director's Report

Executive Director Bob Therkelsen informed the Commission that an announcement had been sent out to fill the Director position in R&D. He also presented a plaque to the Commission from the Morocco Energy Minister.

12. Legislative Director's Report

A final report concerning the past legislative sessions (on all enrolled bills and all bills the Commission was following) will be forthcoming. A request was made by the Chairman that concepts for next year's bills be sent to Legislative Director Cece Martin by the next business meeting.

13. Public Adviser's Report

No report was given.

13. Public Comment

Mr. Bob Sarvey spoke regarding Items 3 and 4, via telephone, even though the items had been taken up and voted on prior to Mr. Sarvey coming on line. Mr. Sarvey stated that mis-characterizations of his position had been made in staff's written report.

Commissioner Geesman, presiding member of the Siting Committee, told Mr. Sarvey that the Siting Committee would look into the claims of mis-characterizations of his position as written in staff's report and would report back its findings.

Chairman Keese noted that the Commissioners would return at 1:30 p.m. for the Joint Agency meeting..

The meeting was adjourned at 10:40 a.m.

BETTY A. McCANN
Secretary to the Commission